

### Education Symposium on Patient Blood Management at Rajkot on June 12, 2022

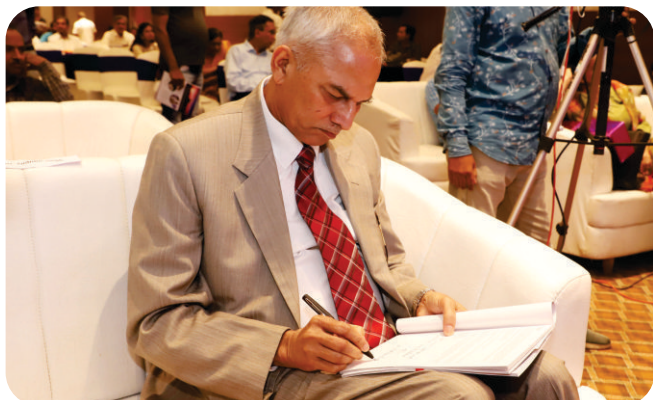


### Unveiling of Clinical Handbook

As the topic of the symposium was unique and touching every aspect of clinical medicine, clinicians from many different fraternities like medical oncology, cardiology, anesthesiology and physician attended the symposium with full rigour.

The topics of the symposium were designed in such a way that initial sessions focused on what is Patient Blood Management (PBM) and its various aspects and post lunch session focused specifically on implementation of PBM in individual setup and road map towards achieving it.

The symposium began with a traditional lamp lighting, followed by welcome address by Dr. Sanjeev Nandani, Medical Director of LBC. Dr. Sanjay Bhatt, President IMA, then addressed the elite audience with his few words of wisdom and then Ms. Meetal Koticha Shah, Joint Executive Trustee, Project 'Life', took audience to the journey of Project 'Life' & LBC.



**Dr. Yudhbir Singh**  
National President ISBTI



**Dr. T. R. Raina**  
Deputy President (Motivational) - ISBTI





# Life Blood Centre

## Event Report



Venue :  
**Hotel Seasons, Rajkot**

### Inaugural Session and Networking Moments



The symposium began with a traditional lamp lighting, followed by welcome address by Dr. Sanjeev Nandani, Medical Director of LBC. Dr. Sanjay Bhatt, President IMA, then addressed the elite audience with his few words of wisdom and then Ms. Meetal Koticha Shah, Joint Executive Trustee, Project 'Life', took audience to the journey of Project 'Life' & LBC.



**Distinguished guest standing for  
the national anthem**



**Ms. Meetal Koticha Shah**  
Joint Executive Trustee, Project 'Life'  
describing journey of Project 'Life'





# Life Blood Centre



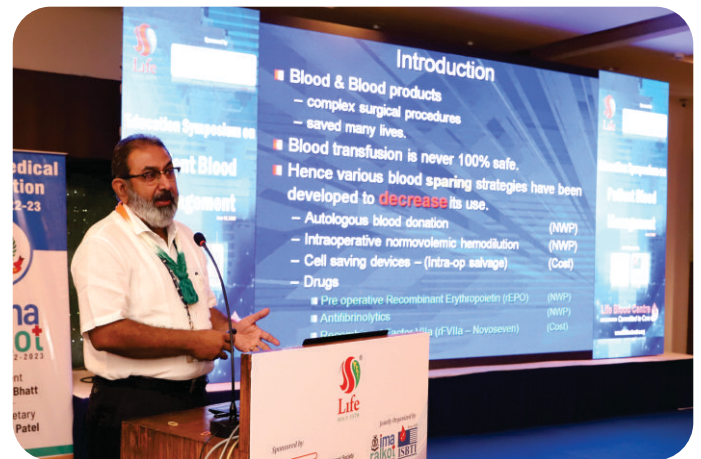
**Dr. Sanjeev Nandani**  
Medical Director of Life Blood Centre  
welcoming the elite audience



**Dr. Sanjay Bhatt**  
President IMA  
addressing the elite audience



Live Screening of Academic Session by  
**Dr. Erica Wood**  
President,  
ISBT, Amsterdam, The Netherlands



Screening of Academic Session by  
**Dr. Sukesh Nair**  
Professor in Pathology  
Department of Transfusion Medicine and Immunohaematology  
Christian Medical College and Hospital (CMC), Vellore, Tamil Nadu, India.



Screening of Academic Session by  
**Dr. Poonam Malhotra Kapoor**  
Professor  
Department of Cardiac Anaesthesiology and Critical Care,  
Cardio Thoracic Centre,  
All India Institute of Medical Sciences (AIIMS) New Delhi, India.



**Y-Break session for participants in between sessions  
at ISBT Symposium**





# Life Blood Centre

1981



Screening of Academic Session by  
**Dr. Archana Bajpai**

Additional Professor  
Department of Transfusion Medicine & Blood Bank  
All India Institute of Medical Sciences (AIIMS)  
Jodhpur, Rajasthan, India.



Screening of Academic Session by  
**Dr. Rutvi Dave**

Associate Professor in Pathology  
Department of Transfusion Medicine and Immunohaematology  
Christian Medical College and Hospital (CMC)  
Vellore, Tamil Nadu, India.



Felicitations of Life Blood Centre by IMA Rajkot



Vote of thanks by  
**Dr. Nidhi Bhatnagar**  
Chairperson,  
ISBTI-Gujarat Chapter



**Lucky draw contest** was arranged for  
the participants who had attended  
the symposium entire day.  
Samsung tablet was awarded to the winner.





# Life Blood Centre

## Paper Presentation

In April, 2022, research paper on "Management of Safe and Adequate Blood Supply in COVID-19 Pandemic amid National Lockdown: Experience of a Standalone Blood Center in India" published in Global Journal of Transfusion Medicine (GJTM) Scientific Journal.

### Original Article

#### Management of Safe and Adequate Blood Supply in COVID-19 Pandemic amid National Lockdown: Experience of a Standalone Blood Center in India

Nishith Ashvinbhai Vachhani, Sanjiv L Nandani, Yogesh S Domadia, Jyoti P Bhatt

Department of Quality Management, 'Life Blood Centre, Rajkot, Department of Blood Donation, Department of Red Cell Serology

**Background and Objectives:** Blood centers around the globe are dependent on voluntary blood donation from healthy individuals to meet their blood supplies. The severe acute respiratory syndrome coronavirus-2 pandemic has become one of the most critical global health emergencies of modern times. Blood transfusion service (BTS) in India faced numerous challenges during the COVID-19 outbreak and the following imposed country lockdown. We aim to identify the challenges faced by a standalone blood center and explore the mitigation strategies implemented during the COVID-19 pandemic and subsequent lockdown. **Methods:** A cross-sectional study conducted at a standalone blood center done over a time period of 05 months including the nationwide lockdown phase. Personal invitation of donors, social media awareness, and in-house donation drives were implemented to improve donor inflow. Restricted donor entry, stringent donor selection, and adequate sanitization strategies were the key steps adopted to ensure the safety of donors and staffs. **Results:** After a declaration of nationwide lockdown in India, blood donation showed a drop of 13.36% and blood demand was also reduced by 25.70% in our study. **Conclusions:** The COVID-19 pandemic affected blood donation process and blood supply and adversely affected BTSs. BTS should always be vigilant to adopt new practices even before guidelines are set by regulatory authorities in adverse situations. Restrictive blood transfusion strategies need to be emphasized in the country.

**KEYWORDS:** COVID-19 pandemic, national lockdown, standalone blood center

Submitted: 25-Jan-2022  
Revised: 15-Feb-2022  
Accepted: 21-Feb-2022  
Published: 29-Apr-2022

### INTRODUCTION

A pneumonia of unknown cause detected in Wuhan, China, was first reported to the WHO Country Office in China on December 31, 2019. A novel CoV distinct from the previously known CoVs was recognized as the causative agent, which quickly spread to more than 215 countries, sufficient enough to be called a pandemic. The WHO labeled the outbreak as a Public Health Emergency of International Concern on January 30, 2020.<sup>[1]</sup> This new virus has now been officially called severe acute respiratory syndrome-CoV 2 (SARS-CoV-2), because of its similarity to SARS-CoV of 2003, and the disease caused by it has been termed CoV disease or COVID-19 in India was reported on March 11, 2020. The first case of COVID-19 in India was reported on January 30, 2020, from Kerala state and first case of Gujarat state was reported on March 19, 2020, from Rajkot where the blood center is situated.<sup>[2,3]</sup>

In India, the count of infected persons and deaths was rising gradually, and to prevent the community spread of the SARS-CoV-2 virus, on March 22, 2020, the Prime Minister of India requested a 14-day voluntary public curfew followed by an essential national lockdown for 21 days till April 14, 2020, starting from March 25, 2020, and extended up to May 31, 2020, to prevent the community spread by chain break. In accordance with this, all the hospitals in India have closed their outpatient department services (OPD) and cancelled routine surgeries, and only emergency services are functional. Similarly, in view of this pandemic and national lockdown,

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## Bimonthly Newsletter



### Life Blood Centre

Scientific Newsletter

Vol No. 4 May - June 2022 Issue - 2

41 Years in Blood Transfusion

#### Project 'Life'

A Temple of Humanitarian Services Since - 1978



#### Life Blood Centre

A Centre for Excellence in Transfusion Medicine



#### Patient Blood Management (PBM)

This stuff that we gave so freely for so long, actually has a significant side effect profile!

"At what point are we doing more harm than good?" And we think we're really exploring those areas in our patient blood management programs in ways that we didn't before.

SABM, the Society for the Advancement of Blood Management, divides PBM into three basic categories.

- 1) Appropriate transfusion practices
- 2) Anemia and hemostasis management
- 3) Blood conservation

Important is to develop a blood order set.

Two ordering pathways. One, for the hemodynamically stable patient who's anemic and the hemodynamically unstable patient, because those are two very different clinical situations. Massive transfusions or obstetrical hemorrhages and so forth, when red is coming out, put red back in. We got to have some yellow in there, to add some platelets or plasma or CRYO. It would prevent over utilisation of red cells and underutilisation of the plasma based products.

Clinical situation based order sets.

How many units do you want? What special needs do you require? What's the reason? If it's significant active bleeding? Is the hemoglobin <7 or is the hemoglobin <8?

The right amount, not anymore but not any less than a patient might need.

Critical values are really important. Critical value down to, first we got it to 7 and eventually we got it to 6.5 gm/dl was really, really important. It requires immediate intervention and if something doesn't happen within an hour, that there will be significant morbidity or mortality. 6.5 is not a hemoglobin one would consider particularly life threatening for a patient with anemia. On the other hand, a hemoglobin of 10, if the last haemoglobin for a patient was 10 but they have three buckets of blood on the floor, that may not at all represent what's going on with that patient clinically. So, the critical value is one piece of information, but it's only ONE piece of information. It can be very important but it always has to be taken into clinical context.

Could you check a level in between? Could you check a hemoglobin in between and or if it's a platelet dose, could you check a platelet count in between your two unit or three unit order? One at a time v/s two at a time.

We could retest the haemoglobin in between units within about 15 min of completing first blood transfusion, provided the patient is not actively bleeding or consuming product internally.

We should also take into account the identification of preoperative, pre-elective surgery anemia in a population, an older population that is probably prone to iron deficiency anemia or anemia of chronic disease.

The philosophy of patient blood management is "THE RIGHT PRODUCT, AT THE RIGHT DOSE, AT THE RIGHT TIME". This really is about patient safety. That's the whole goal; to get better outcomes for our patients.

Do join us on 12<sup>th</sup> June, 2022 for ISBT Symposium on Patient Blood Management.

#### NAT & X-Ray Irradiated Blood Units Available at Life Blood Centre.

### Life Blood Centre

Committed to Care

(Formerly known as Rajkot Voluntary Blood Bank & Research Centre) (NABH Accredited Regional Blood Transfusion Centre)

24, Vijay Plot, Malaviya Road, Rajkot - 360 002, Gujarat, India.

+91-281-223 42 42 / 43 +91 85 11 22 11 22 11 lbc@999life.org www.lifebloodcentre.org @lifebloodcen

199

## blood donors donated to celebrate World Blood Donor Day







# Life Blood Centre



## CELEBRATION OF WORLD BLOOD DONOR DAY on 14<sup>th</sup> June 2022



### YOGIC WAY OF LIFE.... 100% VOLUNTARY BLOOD DONATION

Program on “Yogic Way of Life... 100% Voluntary Blood Donation” was organized on 11<sup>th</sup> June, 2022 at Project 'Life'. Felicitated whole blood donors, female donors, blood donation camp organizers, platelet donors, centurion blood donors in august presence of Indian Society of Blood Transfusion and Immunohaematology (ISBT) national president Dr. Yudhbir Singh & Deputy President (Motivational) Dr. T. R. Raina.







# Life Thalassaemia Prevention Centre

## Celebration of World Thalassaemia Day - 2022

World thalassaemia day is celebrated every year on 08<sup>th</sup> may. The theme for this year was “Be Aware, Share & Care” hence we had organised a competition amongst thalassaemia patients

Our chief guest for the occasion was Dr. Nisarg Thakkar-hematoncologist from Wockhardt Hospitals, Rajkot. He gave a comprehensive talk on theme of the day “Be Aware, share and Care” guiding thalassaemia patients towards good health and hygiene maintenance.



## National Conference on Thalassaemia held by TSCS (Thalassaemia & Sick Cell Society) Hyderabad



### Score-card

Particulars	April 2022	May 2022	June 2022
Thalassaemia Awareness Drive	2143	1570	1577
Thalassaemia tests done	1905	1473	1348





## Activities Report



The Digital Foundation Stone Laying Ceremony of  
**103<sup>rd</sup> Primary School**  
**MCX India Limited Primary School, Sachana**  
(Block: Jamnagar, Dist: Jamnagar) on 5<sup>th</sup> April, 2022

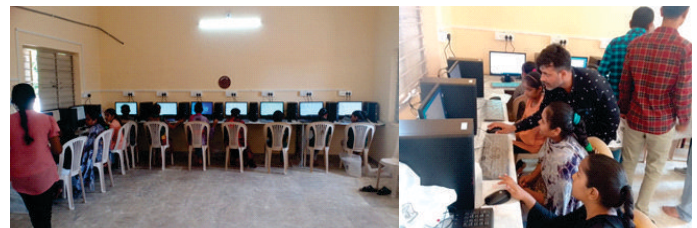


The Foundation Stone Laying Ceremony of  
**104<sup>th</sup> Primary School**  
**Shalin Happiness Foundation Primary School, Hirapur**  
(Block: Daskroi, Dist: Ahmedabad) 9<sup>th</sup> April, 2022



The Digital Foundation Stone Laying Ceremony of  
**106<sup>th</sup> Primary School**  
**Smt. Pratimaben Harshadbhai Lakhani Primary School, Pansada**  
(Block: Babra, Dist: Amreli) on 06<sup>th</sup> May, 2022

### Distribution of Computers in Primary Schools under Digital Learning Program



Distribution of Computers in  
**Dr. Navnidhrai Chaganlal Mankad Primary School, Keshod**  
(Dist.: Dev Bhumi Dwarka)



Distribution of Computers in  
**Smt. Shantaben Chinubhai Shah Primary School, Jetalpur**  
(Dist.: Ahmedabad)



**Distribution of Trees in rural areas.**  
Distributed more than 1200 trees in interior rural areas of various districts.



**Distribution of Vegetable Seeds in 12 Villages.**  
Distributed 12 types of 12,000 vegetable Seeds Packets in 12 villages of Morbi District.





## Achieved Milestone of training 10,000 Underprivileged Widows / Women, benefitting 40,000 family members



Seminar about Awareness of Government Schemes guided by Disaster Relief Committee, Share & Care Foundation, NJ, USA for 300 Women of Ahmedabad & Junagadh District by Mr. Jigar Jasani, WCO & Ms. Madhuri Makwana, WWO, Junagadh on 20<sup>th</sup> April 2022



Seminar about Awareness of Re-marriage of widows guided by Disaster Relief Committee, Share & Care Foundation, NJ, USA for 300 Women of Ahmedabad & Junagadh District by Ms. Madhuri Makwana, WWO, Junagadh & Ms. Pallavi Paghdar on 6<sup>th</sup> May 2022



Banking, Budgeting & Finance Training guided by Disaster Relief Committee, Share & Care Foundation, NJ, USA for 160 Women of Junagadh District by Mr. Mayur Zala, Marketing Manager, BOB, Junagadh on 27<sup>th</sup> April 2022



Equipment Distribution Ceremony for 250 underprivileged trained widows/women of Ahmedabad District with the august hands of Ms. Monika Kalia, Executive Director, Bank of India & Officials of BOI on 6<sup>th</sup> June 2022.



Nutrition Awareness Program for Women & Child Care guided by Disaster Relief Committee, Share & Care Foundation, NJ, USA for 300 Women of Ahmedabad & Junagadh District, by Mrs. Vidula & Mr. Mukesh Bavishi on 30<sup>th</sup> April 2022



Banking, Budgeting & Finance training by Bank of India for 200 women of Ahmedabad District on 25<sup>th</sup> June 2022.



Self Defense Training guided by WE Committee, Share & Care Foundation, NJ, USA for 300 Women of Ahmedabad & Junagadh District, from 12<sup>th</sup> April to 20<sup>th</sup> April 2022.



Gender Equality Training by Mrs. Falguni Patel, District Coordinator for 200 women of Ahmedabad District on 25<sup>th</sup> June 2022.





# Life Health & Wellness Centre



## Celebration of Yoga Week

**Invitation**  
We cordially invite you to join us in virtual celebration of  
**20<sup>th</sup> FOUNDATION DAY**  
of  
**Life Health & Wellness Centre, Project 'Life', Rajkot**  
**YOGA : Health, Harmony & Happiness**  
Saturday, 9<sup>th</sup> April 2022  
5.00 pm to 6.00 pm  
Honorable spiritual leaders will grace the occasion

**Guests of Honor:**  
Dr. P. S. Parmar (President), Dr. H. S. Nigam (Member), Dr. S. R. Mishra (Member), Dr. Anand Bhatnagar (Member), Dr. H. S. Nigam (Member), Dr. S. R. Mishra (Member), Dr. Anand Bhatnagar (Member)

**Organized by:**  
Project 'Life'  
Saurashtra Medical & Educational Charitable Trust  
'Life', Racecourse Ring Road, Rajkot - 360001, Gujarat, India.

**Life** **LIVE** **કાર્યક્રમ**  
ધોરણ ૧૦ અને ૧૨ના વિદ્યાર્થીઓ માટે ખાસ ઉપયોગી  
**સફળતાનું રહસ્ય :**  
**પરિણામ કે પુરસ્કાર**  
:: વર્કશીપ ::  
**શ્રી હરેશ રાવલ**  
શિક્ષણવિદ  
**તારીખ ૬ મે ૨૦૨૨, શુક્રવાર**  
**સમય સાંજે ૫.૦૦ થી ૬.૦૦**  
Watch Live on **facebook.com/999life**  
વધુ માહિતી માટે  
૦૨૮૧-૨૪૭૯૧૩૩ / ૮૫ ૧૧ ૩૩ ૧૧ ૩૩ ઉપર સંપર્ક કરો  
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Life Yoga Academy, Project 'Life', Rajkot and  
G. S. College of Yoga, Kaivalyadhama, Lonavla  
jointly organise  
**[Certificate Course In Yoga]**  
200 hours of Yoga Certificate Course, is a stepping stone for the Yoga seekers who wish to pursue career in this field. It gives you an in depth understanding of Yoga covering the textual, psycho- physiological and practical aspects of Yoga as well as teaching methods in Yoga.  
Course starts from  
12<sup>th</sup> May 2022  
Time : Morning 6 to 8  
Build a career in Yoga with  
a traditional foundation  
For registration & more details kindly contact on +91 85 11 33 11 33  
Project 'Life',  
Saurashtra Medical & Educational Charitable Trust  
'Life', Racecourse Ring Road, Rajkot - 360 001, Gujarat, India.  
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## Lecture Series

**Invitation** Lecture No. 241  
You are cordially invited to attend  
Free Lecture under series 'How Not to Fall Sick ?' on  
**Key of Mental Well-Being**  
Sunday  
24<sup>th</sup> April, 2022  
10:00 am to 11:00 am  
**Dr. Gopi Gajera**  
M.B.B.S., M.D. Psychiatry  
<https://www.facebook.com/999life>  
Presented by :  
Life Health & Wellness Centre  
Project 'Life', Racecourse Ring Road, Rajkot  
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**Invitation** Lecture No. 242  
You are cordially invited to attend  
Free Lecture under series 'How Not to Fall Sick ?' on  
**Thalassaemia Be Aware • Share • Care**  
Sunday  
29<sup>th</sup> May, 2022  
10:00 am to 11:00 am  
**Dr. Nisarg Thakkar**  
MD, DNB (Clinical Hematology), Consultant  
- Hematologist, Hemato - Oncologist and BMT Physician  
<https://www.facebook.com/999life>  
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**Invitation** Lecture No. 243  
You are cordially invited to attend  
Free Lecture under series 'How Not to Fall Sick ?' on  
**Heart Attack : Early warning signs**  
Sunday  
26<sup>th</sup> June, 2022  
10:00 am to 11:00 am  
**Dr. Varshit Hathi**  
MD, DM (Cardiology),  
- Interventional Cardiologist Wockhardt Hospitals, Rajkot  
<https://www.facebook.com/999life>  
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Lecture no. 241 on  
'Key of Mental Well-Being'  
by Dr. Gopi Gajera

Lecture no. 242 on  
'Thalassaemia Be Aware Share Care'  
by Nisarg Thakkar

Lecture no. 243 on  
'Heart Attack : Early Warning Signs'  
by Dr. Varshit Hathi

## Facebook Live Lectures

Indian Yoga Association -  
Gujarat Chapter  
[https://youtu.be/\\_PGVm3kgAmY](https://youtu.be/_PGVm3kgAmY)  
16 June, 8:30 pm... See more  
youtube.com  
IYD 2022 | Yog aur Mansik Swasthya | Jasmin  
Panchasara | IYA Gujarat

**Dr. T. R. Raina**  
Deputy President (Motivational)  
IDY 2022 | Yogic Way of Life 100%  
Voluntary Blood Donation | Dr. T. R. Ra...

9:43 AM 192KB/s  
**Description**  
IDY 2022 | IYA Gujarat Chapter members  
panel discussion | IYA G

**Dr. Yatin Vaidya, BSAM**  
Rajkot  
IYD 2022 | Arogya aur Ayurveda | Dr  
Yatin Vaidya BSAM | IYA Gujarat

**Lecture & Practical Session on Yoga at Doordarshan, Rajkot**

**Lecture & Practical Session on Yoga at Doordarshan, Rajkot**





# Life Health & Wellness Centre



## Y-Break Practical Yoga Session & Yoga Shibir



**Yoga Shibir Rotary Midtown Library**  
30<sup>th</sup> May to 4<sup>th</sup> June 2022



**CYP Training Program for**  
Kutch Kadwa Patidar Samaj at Project 'Life'

## Meeting with Yoga Guru's



**Puja Maa Hansaji**  
at  
The Yoga Institute, Mumbai.



**Pujya Dr. H. R. Nagendraji**  
at  
SVYASA University, Bangalore



**Shri Subodh Tiwariji**  
at  
Kaivalyadhama, Lonavla





# Life Health & Wellness Centre



More than **1700** people participated in different Yoga Shibirs & Programs  
organized by

Life Health & Wellness Centre on International **Yoga Day - 2022**

**Bhushan School**



**MVM Collage of Commerce, IT & Management**



**Saurashtra Gramin Bank**



**At Project 'Life'**



**Bank of Baroda**



**Income Tax Department**



**GST Bhavan**



**PF Department**



**Rehwar School**



**DIET**



**Doordarshan Rajkot**



**T N Rao B.Ed. College**







# Life Health & Wellness Centre



## CELEBRATION OF WORLD BLOOD DONOR DAY on 14th June 2022

### YOGIC WAY OF LIFE.... 100% VOLUNTARY BLOOD DONATION



**Meetal Koticha Shah**  
Joint Executive Trustee

**Kirit Vassa**  
Joint Executive Trustee

**Chandrakant Koticha**  
Founder Executive Trustee

**Bakul Mehta**  
Patron

### Project 'Life'

**Saurashtra Medical & Educational Charitable Trust**  
**Indian Medical Scientific Research Foundation**

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